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|  |  |                                   |                        |
|--|--|-----------------------------------|------------------------|
| <b>Effective on 12/08/2004.</b><br>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4918). |  | <b>Complete if Known</b>          |                        |
| <b>FEES TRANSMITTAL</b><br><b>For FY 2009</b>  |  | Application Number                | 10/619,620-Conf. #7305 |
|  |  | Filing Date                       | July 16, 2003          |
|  |  | First Named Inventor              | Byung-Jin KIM          |
|  |  | Examiner Name                     | V. F. Boccio           |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27                             |  | Art Unit                          | 2169                   |
| TOTAL AMOUNT OF PAYMENT (\$)   |  | Attorney Docket No. 1630-0384PUS1 |                        |

**METHOD OF PAYMENT** (check all that apply)

|   |                                      |                                      |                               |  |
|---|--------------------------------------|--------------------------------------|-------------------------------|--|
| <input type="checkbox"/> Check                      | <input type="checkbox"/> Credit Card | <input type="checkbox"/> Money Order | <input type="checkbox"/> None | <input type="checkbox"/> Other (please identify): _____    |
| <input checked="" type="checkbox"/> Deposit Account |                                      | Deposit Account Number: 02-2448      |                               | Deposit Account Name: Birch, Stewart, Kolasch & Birch, LLP |

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

|  |   |
|--|---|
| <input checked="" type="checkbox"/> Charge fee(s) indicated below  | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 | <input type="checkbox"/> Credit any overpayments                                  |

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                          | SEARCH FEES |                          | EXAMINATION FEES |                          | Small Entity<br>Fee (\$) | Fees Paid (\$) |
|------------------|-------------|--------------------------|-------------|--------------------------|------------------|--------------------------|--------------------------|----------------|
|                  | Fee (\$)    | Small Entity<br>Fee (\$) | Fee (\$)    | Small Entity<br>Fee (\$) | Fee (\$)         | Small Entity<br>Fee (\$) |                          |                |
| Utility          | 330         | 165                      | 540         | 270                      | 220              | 110                      |                          |                |
| Design           | 220         | 110                      | 100         | 50                       | 140              | 70                       |                          |                |
| Plant            | 220         | 110                      | 330         | 165                      | 170              | 85                       |                          |                |
| Reissue          | 330         | 165                      | 540         | 270                      | 650              | 325                      |                          |                |
| Provisional      | 220         | 110                      | 0           | 0                        | 0                | 0                        |                          |                |

**2. EXCESS CLAIM FEES****Fee Description**

|  |  |  |     |     |
|--|--|--|-----|-----|
| Each claim over 20 (including Reissues)            |  |  | 52  | 26  |
| Each independent claim over 3 (including Reissues) |  |  | 220 | 110 |
| Multiple dependent claims                          |  |  | 390 | 195 |

| Total Claims  | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims |               |
|---|--------------|----------|---------------|---------------------------|---------------|
|   |              |          |               | Fee (\$)                  | Fee Paid (\$) |
| HP = highest number of total claims paid for, if greater than 20. | - or HP =    | x        | =             |                           |               |
| Indep. Claims   | Extra Claims | Fee (\$) | Fee Paid (\$) |                           |               |

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| - 100 =      | /50 =        | (round up to a whole number) x                   | =        |               |

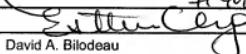
**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1252 Extension for response within second month

490.00

**SUBMITTED BY**

|                   |   |                                      |        |           |                |
|-------------------|---|--------------------------------------|--------|-----------|----------------|
| Signature         |  | Registration No.<br>(Attorney/Agent) | 42,325 | Telephone | (703) 205-8000 |
| Name (Print/Type) | David A. Bilodeau   |                                      |        | Date      | March 31, 2009 |